Hydro. 5612 \$ 5660 may 29 & avy 31, 1914

Hydro. 5612-5660 mar, 29-aug. 31,1914 Myd 5612 & 5660 may 29 & aug 31/9/4

1/ 60%
Hydrog No. 501 5-612-Date, May 29 , 1924
Sag. Mch. Reel Reel Shot 2 5 Us.
Turns Cor'n Depth fms.
Sag. Cup army Amt. Bot'm Sample
Character of Ad gas M.
(Make (Instr.
Thermom. {
Bottom Reading Cor'd Temp.
(6-2° Time 2,009) (3-6°
Temp. Surf. Time Air
Density: Surffms.
Wind: Direction M. W. Force 6
Baromet. 30.2 & Amt. of State of Sea.
Weather Lt
TO COMPLETE CONTINUES AND

Direction and Force $Surface$ Of Current. Bottom
Tide
General Locality of the Grange Court
Position Heceta Light hears N798 E(true) disturt 28.1 Chart used: No. 6000 Bd'n Drift: Direction Distance
Position Heceta Light hears N799 E(trug disturt 28.1 miles Chart used: No. 6000 Ed'n
Position Heceta Light hears N79% E(true) distant 28.1 Chart used: No. 6000 Ed'n Drift: Direction Depth of Haut
Position Heceta Light hears N7916 E (true) distant 28.1 Chart used: No. 6000 Ed'n Drift: Direction Distance
Position Heceta Light hears N79% E(true) distant 28.1 Chart used: No. 6000 Ed'n Drift: Direction Depth of Haut
Position Heceta Light hears N79% E(true) distant 28.1 Chart used: No. 6000 Ed'n Drift: Direction Depth of Haut Apparatus and Rig used
Position Heceta Light hears N7918 E(true) distant 28.1 Chart used: No. 6000 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Heceta Light hears N79% E(true) distant 28.1 Chart used: No. 6000 Ed'n Drift: Direction Depth of Haut Apparatus and Rig used
Position Heceta Light hears N7918 E(true) distant 28.1 Chart used: No. 6000 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Heceta Light hears N7918 E(true) distant 28.1 Chart used: No. 6000 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Heceta Light hears N7918 E(true) distant 28.1 Chart used: No. 6000 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Heceta Light hears N7918 E(true) distant 28.1 Chart used: No. 6000 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Heceta Light hears N7918 E(true) distant 28.1 Chart used: No. 6000 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Heceta Light hears N7918 E(true) distant 28.1 Chart used: No. 6000 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Hecota Light bears N7918 E(trus) disturt 28.1 Chart used: No. 6000 Edn Drift: Direction Depth of Haut Apparatus and Rig used Time towing h. m. Remarks:
Position Heceta Light hears N7918 E(true) distant 28.1 Chart used: No. 6000 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.

SOUNDING WIRE.	FMS.	DREDGING CABLE.		
M. Down. Up. 9. M.	FMS.	M. Down. UP.		
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10		
Dredge No. 15	5-613 Date, May	29 ,1914
Sdg. Mch. 7	M., Reel S	hot 2 5 lbs.
Turns / 30	Cor'n Depth	
Sdg. Cup	Amt. Bot'm Sample	***************************************
Character of	11 200	
(Make	e (Instr	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Thermom. Make	Cor'n Stem.	
Bottom Reading	Con'd Ter	np
Temp. Surf.	6-2 Time 9200	tir \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Density: Surf		
	n H A. W. Force	8.
Paramet 13 0.	2 & Amt. of State	e of Q
Weather le		a
weather		

Direction and Fo	$orce$ $\begin{cases} Surface \\ Bottom \end{cases}$	
Tide		
General Locality	off Oregon coa	ich
Position Hoceta	a Light beans Nogo = (tou.) de	·t-1-297
Chart used: No.	a Light bears N79°E (true) do	miles
Drift: Direction		
	Distanc	
Depth of Haul		
Apparatus and R	Rig used	
	Time towing	
Remarks:		

SOUNDING WIRE.	FMS.	DREDGING CABLE.		
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/ 3	
Bredge No. 5-614 Date, May 29 , 1914 Sdg. Mch. T.M. Reel T.M. Leady 2 5 Us.	
Sag. Mch. TM. Reel TM. Shot 25 lbs.	
Sdg. Cup arming on tent. Bot'm	
Turns 1 SI Corn Depth I fms. Sag. Cup army on time Bot'm Character of had gur M.	
(Make(Instr.	
Thermon. \{\text{No.} \text{ Make } \text{ Cor'n } \{\text{Stem.} \text{ Stem.} \tex	
Bottom Reading Cor'd Temp.	
(5-2 Time 9:35 (5-50	
Temp. Surf. Strine Time Sist STrine Sirf	
Descitus Suns	
Wind: Direction M. M. L. Force 6	
Baromet. 30.28 Amt. of 2 State of R	
Weather Sec	
n eacher	
Direction and Force $Surface$ of Current. $Bottom$	
Tide	
00000	
General Locality off Gregor Coast	
Provision Horota Sidd Legars KARYPETE I dit + + 20 2	
Position Heceta Light bears N78/2E (true) distant 30.2 miles Chart used: No. 6000 Bd'n	,
Drift: Direction Distance Depth of Haul	
Apparatus and Rig used	
Time towing h	
Remarks:	

Deck Officer Mis Pripping Recorder OCA Tours	

		NDING WIRE.		TORECT	DREDGING CABLE.		
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14		
Hydrog No. 5 25 Da	te, ay	29 .19/4
. 6/ 1 - 1-2 1	Reel 771	Shott 2 5 " lbs.
Turns 1.46 Cor'n	Depth	fms.
Sag. Cup arming	Amt. Bot'm Sample	
Character of gur Tel; Se		
Thermom.	$Cor'n$ $\begin{cases} Instr. \\ Stem. \end{cases}$	
Rottom Reading	Cor'd	Temp
Temp. Surf. 5-2 Time	9:50	Air S-8°
Density: Surf.		fms.
Wind: Direction 71.71.24	Force	6
Baromet. 36. 36 Amt. of Clouds	· - S	tate of P
Weather date		
Direction and Force Surface of Current.		
Tide		
General Locality	-	· ->'
Position Heceta Light bears N	80°E(true) di	stant 31.4 miles
Chart used: No. 6000	Ed'n	
Drift: Direction	Diste	ince
Depth of Haul		
Apparatus and Rig used		
	Time towins	h. m .
Remarks;		
Time	web bull	- Dry bulh
9:5-0 0.24.	54.1	58.0
		-

Deck Officer 2 . .)

16-				
Hydrog No. 6616	Date,	Witten	,24	, 19 /
Sug. Meh. 7.76 .	Reel	7,70,	Level 1	25 1hs.
Turns / 8 7 cor'n		Dep		
Changeton of Date (1		Bot'm Sample		
$Thermom. \begin{cases} Make \\ No. \end{cases}$		$Cor'n \begin{cases} Inst \\ Stri \end{cases}$	n.	
Bottom Reading		Cor'	d Temp	decement
Temp. Surf.	me /	0:00	\ . tir \	59
Density: Surf			. fms	
Wind: Direction Lang.	1	Force	3.	
Baromet, 30.2. & Amt	of ds	<i></i>	State of Sea	R
Weather -				
F 0.411 .				
Direction and Force Surface of Current.	***	***************************************		
Tidr				
General Locality		. (Ç.,	7.
Position Heceta Light bears No. 6000	178°E(true) dis	lant 32.	7 mules.
Chart used: No. 6000	Ec	t'in		
Drift: Direction		Di	stance	
Depth of Haul				
Apparatus and Rig used				
	Tin	ne towind	h	\bar{m} .
Remarks:				

Deck Officer Illa Capper Recorder Coll 11-1023

16
Hydros No. 5617 Date, Grange 7 , 1914
Sale Meh. 771 Reel 7 1 Short Louds I'm 1bs.
Turns 320 Cor'n Depth 170 fms.
Sag, Cup Ant, Bot'm Sample
Character of Tillian Tillian
Thermom. $ \begin{cases} Make & & Cor'n \\ No, & & Stem. \end{cases} $
Bottom Reading Cor'd Temp
Temp. Surf. 5-2 Time 15:25 6 Air 4 10
Density: Surf. fms
Wind: Direction 2010. 20 Force 5
Baromet. 30, 2 5 Amt. of State of K
Weather be
Direction and Force Surface of Current.
Tide
* Committee of the Comm
General Locality
u + s'll l wanth little i
Position Heceta Light bears N77°E (true) distant 33.0 miles
Chart used: No. 6000 Ed'n
Drift: Direction Distance
Depth of Haul.
Apparatus and Rig used
Timetowing h. m.
Remarks:

Deck Officer This Osiffet Recorder No. 100.

H-1023 SOUNDING WIRE. DREDGING CABLE. FMS. М.

M. Down. UP. 7 M.

1017 20 10 25 20

 M. Down, Up.

1/	
Hydrog. No. 3-616- 1	rate, (1004 2 12 , 191
8d.g. Meh. 7 (1	Reel Shot 2 1 1bs.
Turns 228 Cor'n	Depth 124 fms.
Sag. Cup Colombia	Amt. Bot'm Sample
Character of Boltom	Fue gar.
(Make	(Instr.
Thermom.	Cor'n Stem.
Bottom Reading .	Cor'd Temp.
(52° . Ti	ne 112) 4-6°
Temp. Surf.	\ Air
Density: Surf.	fms
Wind: Direction 7171 QM	Force 5
Baromet. 30, 2 & Amt. Cloud	
Weather &c	VI поливания поменения БСV полительной поменения.
Direction and Force Surface of Current.	
Tide	
General Locality & J. Ca.	Ecymo = -
11 - + 1'111	101004 1 2 4 4 20 2 1
Position Heceta Light bears.	
Chart used: No. 6000	Ed'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing h m .
Remarks:	

Deck Officer 722

Recorder Line 1

SOUNDING WIRE,	713461	DREDGING CABLE.		
M. Down, Up. G. M.	FMS.	M. Down, Up. M.		
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18
Hydrog No. 5 6 19 nate, 1 19 2 7 , 19 1
2 (- Charles 2)
Turns 200 Cor'n Depth 'CO fms.
Turns 200 Cor'n Depth ' ms. Sas. Cup (tarrier of Bolton)
Thermom. $\begin{cases} Make & Car'n \\ No. & Stem. \end{cases}$
Rottom Reading Cor'd Temp.
Temp. Surf. { Time Air
Density: Surf. fms.
Wind: Direction 76,22 QV Force 5
Baromet. 30, 2 . Amt. of State of Sea R
Weather 2
Direction and Force (Surface
Direction and Force Surface Rottom
Tidr
General Locality
Position Heceta dight hears N77/2 Etting distant 31.6.
Chart used: No. 6000 Edn.
Drift: Direction Distance
Depth of Haul
Apparatus and Rigused
Remarks: " is the ford dury at 115 at 1116, to.
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Deck Officere

	10, Cecig 29 ,10/1
Sag. Mch. 7	Reel 7 N Steet 7.5 Ibs.
Turns / 3 2 Cor'n	Depth 76 fms.
Sag. Oup arming on It ad Character of Bottom	Amt. Bot'm Sample
Thermom. $\left\{ \begin{matrix} Makr \\ No. \end{matrix} \right.$	$Cor^{i}n$ $\begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading	_ Cor'd Temp.
Temp. Surf. Time	.lir
Density: Surf.	fms.
Wind: Direction 1/ L	Force 2
Baromet. 30, 0 4 Amt. of Clouds	10 State of C
Weather CC761	
Direction and Force Surface of Current.	
Tide	
Anna - man - t - m	
Concrat Locality (1/1081	go or the
Position	
Chart used: No.	Ed'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing h. m.
Remarks:	Time towing h. m.
Remarks:	

Dredge 180.2 5 2 / Day	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Reel Shot 2 2 ths.
Turns / 'VD Cor'n	Depth 65 fms.
Sag, cup Cormic Character of Blh Vanc	Ant. Bot'm Sample
Thermom. $\begin{cases} Make \\ No. \end{cases}$	Cor'n Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	dir
Density: Surf.	fms
Wind: Direction 71. 70	Force 2
Baromet, 3.002 Amt. of Clouds	10 State of C
Weather OC4	
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Direction and Force of Current.	
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Deck Officer Recorder 11-1025

3	
Hydrog No. 5722 Date, Hydrog So. 5722 Date, Whom 3 2	19 (4)
Turns '0 Cor'n Depth	ſms.
Sdg. Cup arming Amt. Bot'm Sample Character of Bottom S	
Thermom. $ \begin{cases} Make & & Cor'n \\ No. & & \end{cases} $	
Rottom Reading Cor'd Temp.	
Temp. Surf. Time 1:000 dir	120
Density: Surf. fms.	
Wind: Direction Al 1 1 Force	
Baromet. 29.99 Amt. of 10 State of 7)	
Weather 2 on	
Direction and Force Surface of Gurrent.	
Tide	
*** ****************************	
General Locality Orein Con.	
Position	
Chart used: No. Ed'n	
Drift: Direction Distance	
Depth of Haul	
Apparatus and Rig used	
Time towing h.	m.
Remarks:	

Deck Officer Me Girk Recorder

4
Hydrog No. 5 to 23 Date, Stan. 29 ,1910
Sdg. Meh. Beet 7 Bhot 32 lbs.
Turns Cor'n Depth 45 fms.
Sdg. Cup W
Character of Bottom Comments
Thermom. $ \begin{cases} Make & Cor'n \\ No. & Stem. \end{cases} $
Bottom Reading Cor'd Temp.
Temp. Surf. Time /*/ JA
Density: Surffms.
Wind: Direction Nby W Force 4
Buromet. 29. 99 Amt. of 10 State of 17
Weather
Direction and Force Surface of Current. Bottom
Tide
General Locality Oregon (
Position
Chart used: No. Ed'n
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towing
Remarks:

Deck Officer M. G. S. Recorder 1 1-1023

C Late
St. Str.
Date, 10/4 Hydrog No. 674 Date, 21 10/4 Hydrog No. 674 Date, 21 10/4 Sdg. Meh. 7N Reel 7 Strott Leads V 1bs. Turns 6 Cor'n Depth 36 fms. Sdg. Cup 6 Sample Character of Restorm Sample Character of Rottom Cor'n Stem. Rottom Reading 2:470 R:45 Cor'd Temp. Temp. Surf. Time 1:500 Air 530 Density Surf. Time 5 fms.
Sag. Mch. Reel / Short Dead 1bs.
Turns _ 6 Cor'n Depth J6 fms.
Sag, Cup a mine Amt. Bot'm Sample
Character of Re S
(Make N) (Instr.
Thermom. Stem.
Rollow Reading Z: 47° - R: 6 Cor'd Temp.
(48, 20 Pine 1: 10 A) (530
Temp. Surf.
11the
Density: Surf. 7777 4
Wind: Direction. / / / Force State of M
Pensity: Surf. fms. Wind: Direction NNN Force Raromet, 30.00 Annt. of O State of M Sea
Weather Fr
(Surface
Direction and Force $ \begin{cases} Surface \\ of Current. \end{cases} $ Rottom
Tide
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2 · b /) /2
34 6 m. 13 1 (18 can Car
General Locality' of Cres Pros (Oregon Cres
The state of the s
The state of the s
Position Muhagua River Light hears N290E (true) Chart used: No. 6000 Est niles
Position Muhagua River Light hears N290E (true) Chart used: No. 6000 Est niles
Position Ambagua River Light hears N290E (true) Chart used: No. 6000 Edn Distant 8.1 miles Distance
Position Munipgua River Light hears N290 F (time) Chart used: No. 6000 Rd'n Distance
Position Ambagua River Light hears N290E (true) Chart used: No. 6000 Edn Distant 8.1 miles Distance
Position Ambagua River Light hears N290E (true) Chart used: No. 6000 Edn Distant 8.1 miles Distance
Position Ambagua River Light hears N290E (true) Chart used: No. 6000 Rit n Distance Depth of Haut Apparatus and Rigused Longer Long
Position Mukagua Kivey Light hears N290E (true) Chart used: No. 6000 Ed. niles Drift: Direction Distance Depth of Haut Apparatus and Ris used Time towing h. m.
Position Mukagua Kivey Light hears N290E (true) Chart used: No. 6000 Ed. niles Drift: Direction Distance Depth of Haut Apparatus and Ris used Time towing h. m.
Position Ambagua River Light hears N290E (true) Chart used: No. 6000 Rit n Distance Depth of Haut Apparatus and Rigused Longer Long
Position Mukagua Kivey Light hears N290E (true) Chart used: No. 6000 Ed. niles Drift: Direction Distance Depth of Haut Apparatus and Ris used Time towing h. m.
Position Mukagua Kivey Light hears N290E (true) Chart used: No. 6000 Ed. niles Drift: Direction Distance Depth of Haut Apparatus and Ris used Time towing h. m.
Position Mukagua Kivey Light hears N290E (true) Chart used: No. 6000 Ed. niles Drift: Direction Distance Depth of Haut Apparatus and Ris used Time towing h. m.
Position Mukagua Kivey Light hears N290E (true) Chart used: No. 6000 Ed. niles Drift: Direction Distance Depth of Haut Apparatus and Ris used Time towing h. m.
Position Mukagua Kivey Light hears N290E (true) Chart used: No. 6000 Ed. niles Drift: Direction Distance Depth of Haut Apparatus and Ris used Time towing h. m.
Position Mukgua River Light hears N290F (true) Chart used: No. 6000 Rain Drift: Direction Distance Depth of Haut Apparatus and Rigused Time towing Time towing And
Position Mukgua River Light hears N290F (true) Chart used: No. 6000 Rain Drift: Direction Distance Depth of Haut Apparatus and Rigused Time towing Time towing And
Position Mukagua Kivey Light hears N290E (true) Chart used: No. 6000 Ed. niles Drift: Direction Distance Depth of Haut Apparatus and Ris used Time towing h. m.

SOUNDING WIRE.	DREDGING CABLE
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Bredge No. 6 1 - V Day	e. Cary co ,19
	Reel TA Shot 1 1bs.
Turns Cor'n	Depthfms.
Character of Bottom	Amt. Bot'm Sample
Thermom. $Make$ $No.$	$Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading	
Temp. Surf. Time	11r 3-40
Density: Surf.	fms.
Wind: Direction 9.	Force 2
Baromet. 30, 6.2 Amt. of Clouds	/ State of Z.
Weather Log	
Direction and Force Surface of Current.	
Tide	
W100000 to	Market 180 or come Markety
General Locality	· · · · · · · · · · · · · · · · · · ·
Position '	
Chart used: No.	Ed'n.
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
,	
	Time towing h. m.
Remarks:	
P	

Deck Officer . . .

. ! Recorder

Ti-loca

SOUNDING WIRE.	737864	DREDGIN	G CABI	Æ.
M. Down, UP M.	FMS.	M. Down.	ŪP.	М
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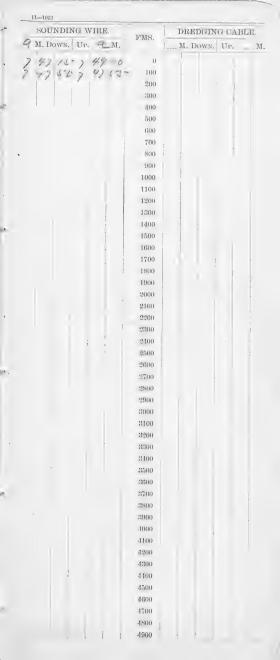
·//	
Hydrog. No. 13	ite, 6 - 3 8 , 19"
Sag. Mch.	Reel Shot Calls.
Turns Cor'n	Depth 45 fms.
Sag. Cup armany	Amt. Bot'm Sample
Character of Bottom	1
Thermom.	(Instr.
N_{0} .	Cor'n Stem.
Bottom Reading	Cor'd Temp,
(-44° Time	2:38-) (54:
Temp. Surf.	$\left. \right.$ dir
Density: Surf.	fms,
Wind: Direction . Cl. Qui	Force
Baromet. 32, 62 Amt. of Clouds	State of 2
Weather SEC	
Direction and Horce $Surface$	
Tide	
All or annual type	
General Locality :,	cylor dest
Position	
Chart used: No.	Ed'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing $h_{+} = m_{-}$
Remarks:	

Recorder

11-1023

SOUNDING WIRE,	FMS.	DREDGING CABLE.		
M. Down. Up. T. M.		M. Down,	UP3	
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elredge So. 5627 Dat	e, City. 30 ,19/5
ind:	red T. H. Shap 32 1bs.
Turns Cor'n	Depth 44 fms.
Sag. Cup Corning	Amt. Bot'm Sample
Character of Rottom	
(Make	(Instr.
Thermom. \ No.	Cor'n Stem.
Bottom Reading	. Cor'd Temp.
Temp. Surf. Time	7:5-04 dir
Density: Surf.	fms.
Wind: Direction 7, OV.	Force 2-3
Baromet. 3.0. 0.2 Amt. of Clouds	State of Zald
Weather Line	
Direction and Force Surface of Current.	
Tide	
General Locality	Uyen Grant
Position	
Chart used: No	Rd'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing h , m .
Remarks:	



1 -6 2 C	0
Hydrog. No. 5628	6.1
Sag. Mch L' L.	Reel At 1 Hoads Charles ths.
Turns Cor'n	Depth . fms.
Sdg. Cup (!!	Amt. Bot'm Sample
Character of Bottom	hay do not
Thermom. $\left\{ egin{aligned} Make & \dots \\ \mathcal{N}o. & \dots \end{aligned} \right.$	$Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	me 8:01A 55
Density: Surf.	fms
Wind: Direction 26 QV	Force
Baromet, L. L. Amt.	of state of Sea Z
Weather	
Direction and Force Surface of Current.	
Tide	
General Locality	regen Count
Position	
Chart used: No	Rd'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing h , m .
Remarks:	

Deck Officer 2 1 1 1 103

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Dredge No. 127 (1 Day	, Cing 30 ,10°
Sdg. Mch. TN	Red T N Shot : 1bs
	- 1
Sag. Cupled on the	Amt, Bot'm Sample
Character of Bottom	Drewel -
Thermon. $\left\{ egin{aligned} Make & \dots \\ No. & \dots \end{aligned} \right.$	$Cor'n$ $\begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading	Cor'd Temp.
Temp. Surf.	8112 A 35
Density: Surf.	fms.
Wind: Direction 11. 11	Force 3
Baromet. 3 0. 0 2 Amt. of Clouds	State of 211
Weather boy	-
Direction and Force Surface	
Tide	
Allaha (min 1 profession and min and m	
General Locality	gene Conal
Position	
Chart used: No.	Ed'n
Drift: Direction	Distance
Depth of Haul	~~~
Apparatus and Rig used	
of the first of the first day and a	Time towing
Remarks:	
	1

SOUNDING WIRE.	Texter	DREDGING CABLE.
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Dredge Sad. 531 Do	10, ang 20 ,19/0
Sd.g. Mch. 7 M	Reel 7 W Shott 2 1bs.
Turns Çor'n	Depth 5 fms.
Sde. Cup Character of Character	Amt. Bot'm Sample
Thermom.	$Cor'n$ $\begin{cases} Instr \\ Stem. \end{cases}$
Bottom Reading	Cor'd Temp.
Temp. Surf. Tim	. } .dir}
Density: Surf	**************************************
Wind: Direction 11.72	Force 3
Baromet 30.07 Amt. o Clouds	State of 1.1
Weather 60	
0	- 10000
Disselies and Barriage	
Direction and Force Boltom	
Tide .	
Name and Address of the Option	AV VVXX AMERICAN V RECOMMENDED
General Locality City (Che	gen coart
Position	
Chart used: No	Ed'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing h, m.
Remarks:	

Deck Officer Recorder No. 10 In-mass

SOUNDING WIRE.	- FMS.	DREDGIN	G CAI	BLE.
M. Down, Up.	M.	M. Down.	Up.	7
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Bredge No. 5 6 3 1 Dat	e, Ciry 30, 184
7 1/	Seel T N Shot 7 5 lbs.
Turns Cor'n	Depth 59 fms.
Sde. Cup at 1 12mg	Amt. Bot'm Sample
Character of Rollom	20
Make	Instr.
Thermom. Mak^{m} N_{O} .	Cor'n Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	S. 35 A } dir
Time	. \ ""
Density: Surf.	fms,
Wind: Direction	Force State of '11 /
Baromet. 30. 0 3 Amt. of Clouds	2 State of 11/
Weather C.	
Direction and Force	•
Bottom	
Tide	
Married and American Company	TO SEC. 12 NOT CONTRACTOR MANAGEMENT.
General Locality . ff 12 8	gon Court
<i>(.</i> ,	
Position	
Chart used: No.	Ed'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	$Time\ towing \qquad \qquad h. \qquad m.$
Remarks;	
The John L.	\
Deck Officer 11	Recorder 15 15 1023

SOUNDING WIRE.	777.6	DREDGING CABLE.		BLE.
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164-
Dredge 3 % 563 2 Pate 1744 30 10/1
Sile Meh. III Reel I Short Ibs. Turns Cor'n Depth Ims.
Turns Cor'n Depth 6 5 fms.
Turns Cor'n Depth (5 fms. Side, Cup America Sample Character of Hart Part Politics
Bottom TONE
Thermom. \\ \No.L 47° R 46.5 \ Cor'n \\ Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. Air
Wind: Direction // W Force Buromet. Sc. 3 Amt. of V State of Sen
Wind: Direction Force
Baromet. 36.03 Amt. of V State of Sea
Weather
Direction and Force Surface Gurrent. Bottom
Tide
General Locality
Position Cape aropo Right hears N70/2 F (true) Chart used: No. 6000 Edin distant 6.9 miles
Chart used: No. 6000 Ed'n
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
. Time towing h , m .
Danierilee
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Aldury S' Am Pittet Bellian
SIA I
Deck Officer
1togs

SOUNDING WIRE.	DREDGING CABLE.
FMS. UPM.	CAM, Down. Up M
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g. Set.
Bredge No. 5633 Date, Ale. 30 ,19 .1
Hydrog No. Date, 19 / Stot Stot Stot Lead St lbs.
Turns JJ Con'n nonth 343
Sag. Cup Armay Amt. Bot'm Sample
Character of Bottom Sty S
Thermon. { Make Cor'n { Instr.
Thermom. {Make / I
Bottom Reading Cor'd Temp.
11/0 1/30 pm.
Temp. Surf. Time 7
Density: Surf. fms.
Wind: Direction 76 Force 2
Baromet. Joney Amt. of 3 State of m.
Weather be
Direction and Force Surface
Tide
General Locality
<u> </u>
rosition Cape arago Light hears SITOE (true) distant. Chart used: No. 6000 RNn 2.6 miles
Chart used: No. 6060 Ed'n
Drift: Direction
Depth of Haul
Apparatus and Rig used
Time towing
Remarks:
1. 1. Con of 1.50 5 , 1.50 , 1.150 , or 4:41:30
16-4 4:40:00

Deck Officer (Recorder . ,)

4: 6 - 9

10.			
Drudge No. (2)	Date,		€ ,19.
Sag. Meh. 7/	Reel	7/1 1	ads ? Us.
Turns 83	Cor'n	Depth	To fms.
	Amt.	Bot'm ample	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
Character of Bottom	J gy S		~ 6 ~ 6 % 2 % 2 % 2 % 2 % 2 % 2 % 2 % 2 % 2 %
Thermom.	· //	$or'n \begin{cases} Instr, \dots \\ Stem, \dots \end{cases}$	
Bottom Reading		Cor'd Tem	p
Temp. Surf.	Time Time	} .1i	r =
Density: Surf.		fms	
Wind: Direction	Nay W	Force 2	-
Baromet. Bo. al	Amt. of Clouds	? State	of /1/
Weather J.			
of Current.	Surface . Bottom		
Tide			
	\$141 discourse + 1,1,500, 1 as and 1	r seminario pa	
General Locality	0: 11:	· = 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1	
Position			
Chart used: No.	Ed	,	
Drift: Direction		Distance	
Depth of Haul			****
Apparatus and Rig use	ed		
	Time	towing	h, m .
Remarks:			и. т.
14			

SOUNDING WIRE.	TABLES	DREDGING CABLE.		
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11.	
Hydrog No. 563	Date, A. 19/4
Sag. Mch.	Reel . A Shott Lead? 1bs.
Turns 99 00	or'n Depth 1/8 fms.
Sag. Cup a.t.,	Amt. Bot'm Sample
Character of Bottom	77 S
(Make	(Instr
Thermom.	Cor'n
,	(Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf.	Time
	Time \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Density: Surf.	fms.
Wind: Direction.	NI Nores 2
Baromet. 3000	Amt. of State of Sea
Weather	
Direction and Force $\begin{cases} Su \\ of Current. \end{cases}$	rface ttom
Tide	
	, , , , ,
General Locality	Oct of the Contraction
	U
Position	
Chart used: No	Ed'n
Drift: Direction	Distance .
Depth of Haul	
Apparatus and Rig used	
	Time towing h , m ,
Remarks;	<i> </i>
months (

12				
Dredge No. 5634	Date,	£ 14	. J-	, 19 .
Sdg. Mch.	Reel		-Shott	1bs.
Turns 106 Cor		Дер	th	57 fms.
Sag. cup amen	Am	t. Bot'm Sample	1 in or to the the sea on to on to on on	
Character of Bottom	34 5	5	de data also apis also gilo, mar mar mar	
Thermom. $\left\{egin{aligned} Make \ \\ \mathcal{N}_O. \end{aligned} ight.$	0 /	Cor'n Stei		
Bottom Reading		Cor'	d Temp,	. W M M M M ph 40 100 100 100 100 100 100 100 100 100
Temp. Surf.	Time		\ dir	** 27 ** ** ** ** ** ** ** ** ** ** ** ** **
Density: Surf.			fms,	
Wind: Direction	16, W	. Force	2-	
Baromet. ? 21, 22.	Amt. of Clouds	3	State of Sea	77
Weather 2	***		~	
Direction and Force $\left. egin{array}{c} Surj \\ of Gurrent. \end{array} \right _{Bott}$				
Tide				
General Locality	ÖS ogi.	e?n	v V	
Position				
Chart used: No.	Ea			
Drift: Direction		Di	stance	
Depth of Haut.				
Apparatus and Rig used				
	Tin	ic towing	h.	. m.
Remarks:				

Deck Officer 711, Recorder Recorder

SOUNDING WIRE.	FMS.	DREDGING CABLE.		
M. Down. Up. M.	r ans.	M. Do	WN. UP.	M
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13 Hydrog. No. 5637 Sdg. Mch. Turns 100 Denth Cor'n Amt. Bot'm Sample Character of Bottom (Instr. Thermom. Bottom Reading Cor'd Temp. TimeTemp. Surf. Time Density: Surf. fms. Wind: Direction State of $egin{array}{l} ext{Direction and Force} \ ext{of Gurrent.} \end{array}$ Tide ... General Locality ... Position Chart used : No. Ed'n Drift: Direction Distance Depth of Haul ... Apparatus and Rig used

Time towing

Remarks:

14.	
Dredge Hydrog. No. 5638 Date	, 19 1
/ //	eet that the lead
Turns Cor'n	Depth 57 Ims.
	Amt. Bot'm Sample
Character of Bottom	S
Make	(Instr.
Thermom.	Cor'n Stem.
Bottom Reading	Cor'd Temp.
(Time	oor a trimp.
Temp. Surf.	$\left\{ -Air \right\}$
Time	, -
Density: Surf.	. fms.
Wind: Direction Amt. of Clouds	Force State of
	Sett /
Weather	
	* Ma to 6: 1
Direction and Force Surface	
Bottom	
Tide	
	· /
General Locality	the Contract
(
Position	
Chart used: No	Ed'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing h. m.
Remarks:	

Deck Officer Mer, Micht Recorder Or which

15				
Hydrog & No. 5%	Date,	0.0	4.89.	. 19.4
Sdg. Mch.	L Reel	17	Bhot t	C'> 1bs.
Turns /r	Cor'n	Dept	lι	66 fms.
Sdg. Cup C?	, L. Am	t. Bot'm Sample	Tr.o.	Na.
Character of Boltom	~			
Thermom. $\left\{ egin{array}{ll} Make \\ \mathcal{N}_0, \end{array} \right.$		$Cor'n$ $\begin{cases} Insticute \\ Stem \end{cases}$		- 100 MI NO 100 AN
Bottom Reading		Cor'd	I Temp,	
Temp. Surf.	Time Time	}	dir	
Density: Surf.		-	fms.	
Wind: Direction	11	. Force	-	
Baromet, Z. 7. E.	Amt. of Clouds	3	State of Sea	7:-
Weather .				
Direction and Force of Current.	Surface			
Tide				
General Locality	0 -1-1.	. ÷.	· st	
	(-			-
Position				
Chart used: No.	E	d'n		-
Drift: Direction		Di	stance	
Depth of Haul				
Apparatus and Rig t	tsed			
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**********	Ti	me towing _		ım.
Remarks:				

Deck Officer 2 . Million, Recorder Thinks

16.			,	
Hydrog. so. 5605	Date,	6130		, 19
Sag. Meh.	Reel	71	Lead!	Wir Ibs.
Turns //6 Cor'n		Dep		in _ fms.
Sd.g. Cup	Amt	. Bot'm Sample		
Character of Bottom	611	- 10-1		
(Make		(Inst	r.	
Thermom. No.	(Cor'n Stei	и.	
Bottom Reading		= Cor'	d Temp.	
(Time) (880
Temp. Surf.	Time		Air	
Density: Surf.			fms.	
Wind : Direction		Force	100	
	nt. of ouds	3	State of	7//
Weather				
Surface				
Direction and Force of Current.				
Tide				
		-		
General Locality	. , (.		,	
	6			
Position				
Chart used : No.	Ed	''n		
Drift: Direction .		1) (stance	
Depth of Haul				
Apparatus and Rig used				
	Tin	re towing		h, m .
Remarks:				

Deck Officer ?;

or Commission

1	SOUNDING WIRE.					777.00	DR	EDGIN	G CAL	BLE.
10	I. Do	WN.	Up.	170	M.	FMS.	М.	Down.	UP.	M
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· ^,	
Dredge No. Stor Date,	62.
Sdg. Mch. Red	I
Turns 144 Cor'n	Depth
Sdg. Cup Winning A. Character of Bottom Cle	mt. Bot'm Sample
Thermom. Sake	$Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading	Cor'd Temp,
Temp. Surf	$\left. Air ight $
Density: Surf.	fms.
Wind: Direction	/ Yoree /
Baromet. 30.03 Amt. of Clouds	State of Sea.
Weather Le	
Direction and Force Surface	
Tide	
	. A sendone was not discussed
General Locality Creen	ing Company
Position	Z1
Chart used: No.	Ed'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	l'ime towing h. m.
Remarks:	

Deck Officer 17 . 21

. Recorder

11~1023

SOUNDING WIRE.	22250	DREDGING CABLE.		
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Turns / Cor'n Depth	
Sag. Cup Chrim, Amt. Bot'm Sample Character of Bottom and Me	
$Thermon. \begin{cases} Make \\ No. \end{cases} Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$	
Bottom Reading Cor'd	Temp
Temp. Surf. 47 Time 5755 Pf	11r \ 3-3°
3	fms, :
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Baromet, 30,02 Amt. of S 8	tate of G
Weather &C	
Direction and Force of Current.	
Tide	
General Locality Off Control	hara e
Position	
Chart used: No. Ed'n	
Drift: Direction Dista	Thee
Depth of Haul	
Apparatus and Rig used	
Time towing	h, m .
Remarks:	

Deck Officer The Recorder Co. 11-1023

SOUNDING WIRE.		DREDGING CABLE.
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	Breage No. 15-6413	Date,	- 122 422	, 19/
	Sag. Meh. 7. 2		1. Shot	J. 2 11s.
	Turns & 4 Cor'n		Depth 46	, fms.
	Sag. Cup asming	Amt. Bot' Samp	'm ole	*********
	Character of Bottom	. 300		,
	Thermom.		(Instr.	
	No.	Cor'n	Stem.	
	Bottom Reading		Cor'd Temp.	
	Temp. Surf.	me Lois) me	dir }	11,-2,0
	Density: Surf.		fms.	
	Wind: Direction 21 X		orce	
	Baromet, 30,02 Amt.	of 3	State of Sea	6
	Weather Se			
	Direction and Force Surface of Current.			
	Tide			
		w		
	General Locality Pot.	1	· ,> u	<i>*</i>
	Position			
	Chart used: No. 6000	Ed'n		* * ** ** *
	Drift: Direction	2010 11 1222	Distance	
	Depth of Haul		200000000000000000000000000000000000000	
J	Apparatus and Rig used			
		Time town	ing h.	m.
1	Remarks:			

SOUNDING WIRE.	733.571	DREDGING CABLE.
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	. Reel /	120	Shot Leads	3.2, 1bs.
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Sag. Cup arming	Amt. B	ot'm mple		
Character of South Til				
Thermom. $\begin{cases} Makr \\ \mathcal{N}o, \end{cases}$	Cor	$\left. \cdot \right _{Stem}^{Instr}$		
Bottom Reading		Cor'd	Temp.	
Temp. Surf.	me 4:1	9 4.11	· .dir	4.30
Density: Surf.			fms.	
Wind: Direction A \	9	Force	27-3	
Baromet, 30,02 Amt.	of 4	<u></u>	State of Sea	-9
Weather -				
Direction and Force Surface of Current.				
Tide		÷		
General Locality C	. 4	eie	. ,	7.
Position				
Chart used: No.	Ed'n .			
Drift: Direction		Dist	ance	TO the day the life will not find agreement
Depth of Haul				
Apparatus and Rig used				
	Time to	nving	//.	<i>m</i> .
Remarks:				

Recorder. 11-10

Indexes No. 5 6 4 5 Date, 110 5	21	
Turns Depth 42 fms. Sdg. Cup Cor'n Mant Bot'm Sample Character of Bottom Thermom No. Cor'n Stem. Bottom Reading Cor'd Temp Temp. Surf. Time 6'2 9 Air Time Density: Surf. Wind: Direction A Mant of State of Sea Weather A Son 2 Clouds 4 State of Sea Weather A Son 3 Surface of Ourrent. Tide General Locality Surface Origi: Direction Drift: Direction Densition Chart used: No. Ed'n Densition Depth of Haut Apparatus and Rigued Time towing h. m.	Hydrog No. 5-6 1/5- Date,	1-1119 86 ,19/4
Turns Depth 42 fms. Sdg. Cup Cor'n Mant Bot'm Sample Character of Bottom Thermom No. Cor'n Stem. Bottom Reading Cor'd Temp Temp. Surf. Time 6'2 9 Air Time Density: Surf. Wind: Direction A Mant of State of Sea Weather A Son 2 Clouds 4 State of Sea Weather A Son 3 Surface of Ourrent. Tide General Locality Surface Origi: Direction Drift: Direction Densition Chart used: No. Ed'n Densition Depth of Haut Apparatus and Rigued Time towing h. m.	Sag. Meh. T. H. Ree	1 7.7 Loud 32 1bs.
Character of Bottom Thermom. Make Thermom. Make Thermom. Stem. Bottom Reading Cor'n Stem. Bottom Reading Cor'd Temp. Temp. Surf. Time 6'2 9 Air Time Density: Surf. Wind: Direction A X All Force Raromet. 30.02 Ant. of State of Sea Weather ACC Direction and Force Bottom Tide General Locality Ant. Tide Chart used: No. Drift: Direction Depth of Haul Apparatus and Rig used Time lowing h. m.	Turns _ Cor'n	
Character of Bottom Thermom. Make Thermom. Make Thermom. Stem. Bottom Reading Cor'n Stem. Bottom Reading Cor'd Temp. Temp. Surf. Time 6'2 9 Air Time Density: Surf. Wind: Direction A X All Force Raromet. 30.02 Ant. of State of Sea Weather ACC Direction and Force Bottom Tide General Locality Ant. Tide Chart used: No. Drift: Direction Depth of Haul Apparatus and Rig used Time lowing h. m.	Sag. oup Chiaming An	nt. Bot'm Sample
Thermom. \\ \{\text{No.} \text{Cor'n} \\ \text{Stem.} \text{Stem.} \text{Cor'd Temp.} \text{Time } \text{Cor'd Temp.} \text{Air} \\ \text{Time } \text{Cor'd Temp.} \text{Air} \\ \text{Time } \text{Cor'd Temp.} \text{Air} \\ \text{Time } \text{Air} \\ \text{Time } \text{Air} \\ \text{Force } \text{Cor'd Temp.} \text{Air} \\ \text{Buronel. Surf.} \text{Time } \text{State of } \text{Cor'd Temp.} \\ \text{Buronel. So.} \text{Cor'd Temp.} \text{Since of } \text{Cor'd Temp.} \\ \text{Buronel. So.} \text{Air} \\ \text{Sea } \text{State of } \text{Sea } \text{Sea } \text{Sea }	Character of Rottom C. A.L.	
Temp. Surf. Time Time Time Air Time Density: Surf. Wind: Direction Ax Ql Forer Raromet. 30.02 Amt. of Y State of Sea Weather Acc Direction and Force Bottom Tide General Locality Position Chart used: No. Drift: Direction Depth of Haut Apparatus and Rig used Time lowing h. m.	70.1	$Cor'n$ $\begin{cases} Instr. \\ Stem \end{cases}$
Density: Surf. Wind: Direction	Bottom Reading	Cor'd Temp.
Wind: Direction A X A State of Raromet. \$30.02 ant. of State of Sea Weather ACC Weather ACC Direction and Force Rotton Tide General Locality A State of Sea	Temp. Surf. Time	6:2.9 P
Buromet. SO, O 2 Amt. of 4 State of Sea Weather According to the Sea Sea Sea Sea Sea Sea Sea Sea Sea Se	Density: Surf.	fms.
Direction and Force Surface of Current. Bottom Tide General Locality C	Wind: Direction 21 X Q !!	Force 2.
Direction and Force Surface of Current. Bottom Tide General Locality C	Baromet. 30,02 Amt. of Clouds	State of Sea.
General Locality	Weather -cic	
General Locality	***************************************	
Position Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.	Direction and Force Surface of Current.	
Position Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing: h. m.	Tide	
Position Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing: h. m.		A 4 B 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.	General Locality	your art.
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.		
Drift: Direction Distance Depth of Haul	Position	V 10 00 00 0
Depth of Haul Apparatus and Rig used Time towing h. m.	Chart used: No.	ld'n
Apparatus and Rig used	Drift: Direction	Distance
Time towing h. m.	Depth of Haul	
${\it Time towing} \qquad h, \qquad m.$	Apparatus and Rig used	
Remarks:	Ti	metowing h. m.
	Remarks:	

Deck Officer 78 4 2 0 Recorder 6 11-1023

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Bredge No. 5-676 Dat	r, _ (2) 2 0 , 19 / 5
	reel Shot 32 1bs.
Turns Cor'n	Depth 35 fms.
	Amt. Bot'm Sample
Character of Mary	
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Density: Surf.	fms,
Wind: Direction Co X CV	Force.
Baromet. 30.02 Amt. of Clouds	State of Sea
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Direction and Force Surface of Current.	
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General Locality	you const
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General Locality Position Chart used: No	Distance
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Deck Officer 7 1 . Wiels Recorder . The 1028

SOUNDING WIRE.	DREDGING CAR		BLE.		
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23		
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Sag. Meh. 1. Hi	Reel 7. 16 Sh	ol ? Ths.
Turns 64 Cor'n	Depth	34 fms.
sag. cup - Cincing	Amt. Bot'm Sample	
Character of Bottom		
Thermon.	Cor'n Instr.	
\No	Stem.	
Bottom Reading .	Cor'd Ten.	
Temp. Surf. Tim	1	ir 2-30
Density: Surf.	fms	
Wind: Direction Of X Q1	Force	2
Baromet.		of G.
Weather Log		way par dys we will skil you con
Direction and Force Surface of Current.		_
Tide		
General Locality Col.	tan en C	n.∀
Position .		
Chart used: No.	Ed'n	
Drift: Direction	Distanc	e
Depth of Haul		
Apparatus and Rig used		
	Time towing	h, m .
Romarks:		

Deck Officer . The Recorder (E) 1 11-100

SOUNDING WIRE.	FMS.	DREDGIN	IG CA	BLE.
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Hydrog No56118	Date, (aug.	3/	, 19 //
Sag. Meh. 7 1	Reel	7 N	Shot \	tbs.
Turns Cor		Depth	28	fms.
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Character of Joint	1227	4 6		
Thermom.	/ /	$r'n$ { Instr.		
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Bottom Reading	the self star also than day star you you can see and also star you got you see an	Cor'd	Temp,	
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Density: Surf.	, ,,-		/ms	
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Baromet. 36 . 2 5	Amt. of Clouds		Sea V	
Weather C. 5				
Direction and Force $\left\{ egin{array}{l} Surj \\ of Current. \end{array} \right\}$	ace			****
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Tide				
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General Locality	1 8 901:	64.4	1.1-	
Position				
Chart used: No.	Ed'i	,		
Drift: Direction		Dist	unce	
Depth of Haul				
Apparatus and Rig used				
	Time	towing		m.
Remarks:				

Deck Officer 11 1 1 Recorder 1 16 Porsoza

-	V treater NO. 5 (11 C) Date, (193/ 19
	Sag. Meh. 7 A Reel) N. Shot ? Ibs.
	Turns Cor'n Depth 3
	Sag. Cufly thing ant. Bot'm Sample. Character of fing gary fand
	Thermom. $ \begin{cases} Make & & \\ & & \\ No. & & \\ \end{cases} $
	Bottom Reading Cor'd Temp.
	Temp. Surf. Time J. 37
	Density: Surffms.
	Wind: Direction Force
	Baromets 1 State of State of Sea
	Weather & S
	and the second s
	Direction and Force Surface Bottom
	Tide
	General Locality
	Position
	Chart used: No. 6000 Rd'n
	Drift: Direction Distance
	Depth of Haul
	Apparatus and Rig used
	Time towing h, m.
	Remarks:

	SOUNDING WIRE.		I DINING CONTACT CONTACT	
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3 18ch
Dredge \ No. 5650 Date, (City 31 , 1911
Sds. Meh. T. N Reel 7 1 Shot Leads 1bs.
Turns Cor'n Depth fms. Sag. Cup Curing Amt. Bot'm Sample
Thermom. { Cor'n {
Thermom. $\begin{cases} Make & \\ No. & Cor'n \end{cases} \begin{cases} Instr. & \\ Stem. & \\ \end{cases}$
Bottom Reading For'd Temp.
Temp. Surf. Time dir dir dir
Density: Surffms.
Wind: Direction 71. by W Force 2
Baromet 30.05 Amt. of If State of G
Wind: Direction 71. by W Porce Baromet. 30.05 Amt. of if State of G Weather C S
II VWVIVVI III MARAARAA MARAAR
Direction and Force Surface Gurrent. Bottom
Tide:
General Locality
Position Cape arago dight hears SIDF (hu) distant That used: No. 6000 Ed'n 5.4 miles
Chart used: No. 6 000 Ed'n
Drift: Direction . Distance
Depth of Haul
Apparatus and Rig used
Time towing
Remarks;
Tell or, Sison He at Signing
Coptaining 5:50 Plat it Substance
Deck Officer 110 He 12 Recorder

SOUNDING WIRE.	737444	SOUNDING WIRE. DREDGE			
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Produce 305 Da	to Cana 3 (10)	2
· · · · · / /	Reel Shot Ib	s.
Turns Cor'n	Depth 5 & fm:	s.
Sdø, Cup	Amt. Bot'm Samnte	
Character of /	41 1.	
ma to Make	Instr.	
Thermom.	Cor'n Stem.	_
Bottom Reading	Cor'd Temp,	
Temp. Surf.	1.5	
(Time		
Density: Surf.	fms,	
Wind: Direction	Forer	
Baromet. 30, 08 Amt. of Clouds	State of Sen	
Weather . A C		
Direction and Force Surface	-	
Tide		
	Comments of	
General Locality		
Position		
Churt used: No.	Ed'n	
Drift: Direction	Distance	
Depth of Haul	**************************************	
Apparatus and Rig used		
	Winner Combined	
	Time towing h. m	
Remarks:		

Deck Officer W. Malway . Recorder

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-Dredge Hydrog \ 30. Date, , 19
Sdg. Meh Reell I Shot Lead
Turns Cor'n Depth fms
Sag. Oup Christing Amt. Bot'm Sample Character of Bottom
Thermom. $ \begin{cases} Make & Cor'n \\ No. & \end{cases} $
. Bottom Reading Cor'd Temp.
Temp. Surf. Time J. Lir J.
Density: Surf
Wind: Direction Porce
Baromet 30 08 Amt. of 3 State of Sea
Weather & C
• • • • • • • • • • • • • • • • • • • •
Direction and Force $\left. \left. \left. \left. \right. \right. \right _{Bottom}^{Surface} \right _{Bottom} \right.$
Tide
Mark Market Mark Mark Market
General Locality
Position
Chart used: No. 6000 Ed'n
Drift: Direction Distance
Depth of Haut
Apparatus and Rig used
Time towing h. m.
Remarks:

SOUNDING WIRE.	SOUNDING WIRE. FMS.		DREDGING CABLE.			
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6
Hydrog No. Date,
Sd.g. Meh. Reel Shot Leads His
Turns Depth 55 fms
Sdg, Cup
Character of Bottom
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Bottom Reading Cor'd Temp.
Temp. Surf. Time / 1 3 5 5 5 Time
Density: Surf. fms.
Wind: Direction V Force
Baromel 3 6 5 Amt. of 3 State of G
Weather & C
and the second s
Direction and Force Surface
Tide
General Locality Of Oregon Court
Position
Chart used: No. 6000 Ed'n
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towing
Remarks:

Deck Officer At . It . I Mewant of the for

SOUNDING WIRE.		DREDGING CAI	BLE.
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Direction and Force of Current. $\left\{ egin{array}{ll} Surface & - \\ & & $			
Tide			
General Locality	n Car	: 1 /-	
Position to very	1 /		
Chart used: No. 6000	Ed'n		
Drift: Direction	D.	istance	
Depth of Haul			
Apparatus and Rig used			
	Time towing	h.	m.
Remarks:			
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Deck Officer Man Man Stefander & 1 1 1 1

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Hydrog No. Date, 19
Lead)
Turns Cor'n Depth 5 fms,
Sag. Cup. Amt. Bot'm Sample Character of Bottom (14.14)
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Temp. Surf. {
Density: Surffms,
Wind: Direction 7. 7. W Force
Baromet 2 State of & State of &
Weather t
Direction and Force $Surface$ of Gurrent.
Tide
General Locality Childe of the Control
Position Unpaque River Light bears 885°F (true) distant
Chart used: No. Ed'n
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
, ,
Time towing
Remarks:

Deck Officer 111 11 11 a hombetogare 2 11 11 11 11-1023

SOUNDING WIRE.	777.6.4	DR	EDG:	ING	CAI	BLE.
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Sag, Cup Commy Amt. Bot'm sample	
Character of Bottom 1 7 8 1 1 1 1 1 1 1 1 1 1 1 1	
$Thermom. \begin{cases} Make & . & . \\ No, & . \end{cases} Cor'n \begin{cases} Instr. & . \\ Stem, & . \end{cases}$	
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Baromet: 20 Mar. State of Sea	
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Tide _	
General Locatity Of Dergie Court	
Position Museque River Light hears 8450 E (Hat) lista	
Chart used: No. 6000 Edin	424
Drift: Direction Distance	
Depth of Haul	********
Apparatus and Rig used	
Time towing h.	m.
Remarks:	m.
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SOUNDING WIRE.		DREDGING CABLE.
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·Wind: Direction 71 A	7/ B	orce	/	
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Weather 6			· · · · · · · · · · · · · · · · · · ·	
* *********				
Direction and Vorce Surface				
Direction and Force of Current, Bottom				
Tide				
General Locality	and the s	(· .		
y			w· .	
Parition Umbrua River de	elet be an	526/2° F	(true)	* ****
Position lupqua River Le Chart used: No. 6000	a a	istant 7.	/ miles	
Drift: Direction				
Depth of Haul	40 ml fr 10 cm cm cm cm cm cm cm 40 ap 10 ac ac	Distance		All the second of the second
Apparatus and Rig used				
	Time to	ving	/1.	m.
Remarks:				

Deck Officer Ver Mality Recorder . Chining

SOUNDING WIRE.	133.50	DREDGING CABLE.
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Hydrog No. State. D	ate, City	, 19
Sag. Mch.	Reel / /V Sta	ot las.
Turns Cor'n	Depth	Jfms.
Sag. Cup Alm	Amt. Bot'm Sample	
Character of Bottom	<u>h</u>	
Thermom.	[Instr	
No.	Cor'n Stem.	
Bottom Reading	Cor'd Tem;	p
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Wind: Direction W757	20,00	
Baromet	State Sea	of @
Weather		,
Direction and Force		
of Current. Bottom		
Tide		
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Position Unipopus River Light	ch becars S19°E (tu	ue distant
Chart used: No. 6000	9.8	miles
Drift: Direction	Distance	
Depth of Haul		
Apparatus and Rig used		
	Time towing	h, m .
Remarks:		

Deck Officer Recorder House

Brodge No. 56 7 Date, Allen 3/ , 19/4
Sag. Mch. Reel TN Shot 3 7 Us.
Turns Cor'n Depth fms.
Sdg, Cup Amt. Bot'm Sample
Sag Cup Sample Character of Bottom
(Make (Instr.
Thermom. $\begin{cases} Make & & & \\ No. & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & \\ & & \\ $
Bottom Reading Cor'd Temp.
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Baromet. 30, 0) Amt. of & State of G
Baromet. 30.07 Amt. of State of G
Surface
Direction and Force Surface of Ourrent. Bottom
Tide
A
General Locality Orego Coast
Position Unifyna River Light bears S14° E (true) distant Chart used: No. 6600 Ed'n Drift: Direction Distance Depth of Haut
Chart asea: No. S. P. D. C. Ba'n
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towing h. m.
Remarks:
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Deck Officer Mr. Pps Recorder And

/3\	
Dredge No. 5660 Date, Aug 31 ,1914	
Sag. Mch. Reel The Shot 32 lbs.	
Turns /0/ Cor'n Depth fms.	
Sag. Cup Ami, Ant. Bot'm Sample	
Character of Clean len (2)	
(Make	
Thermom. Stem.	
Bottom Reading Cor'd Temp.	
. () which is the modern and the second of the $Time$	
Temp, Surf. Air	
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Orean Crat	
General Locatity Oragon Cont	
and the hour Pine Light have Close the Nist	
Positionllupque River Light hears \$11°E (time) distant Chart used: No. 6000 Edin	
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Time towing h. m.	
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m & 2 1	
Deck Officer Mr. Poss Recorder and	